

इंटरनेट

मानक

Disclosure to Promote the Right To Information

Whereas the Parliament of India has set out to provide a practical regime of right to information for citizens to secure access to information under the control of public authorities, in order to promote transparency and accountability in the working of every public authority, and whereas the attached publication of the Bureau of Indian Standards is of particular interest to the public, particularly disadvantaged communities and those engaged in the pursuit of education and knowledge, the attached public safety standard is made available to promote the timely dissemination of this information in an accurate manner to the public.

“जानने का अधिकार, जीने का अधिकार”

Mazdoor Kisan Shakti Sangathan

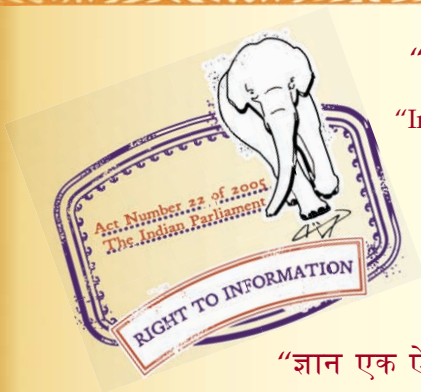
“The Right to Information, The Right to Live”

“पुराने को छोड़ नये के तरफ”

Jawaharlal Nehru

“Step Out From the Old to the New”

IS 11823-4 (1986): Couplings for Disposal of Oily Mixtures for Inland Vessels, Part 4: Adapters (flange/bush) [TED 18: Inland, Harbour Crafts and Fishing Vessels]



“ज्ञान से एक नये भारत का निर्माण”

Satyanarayan Gangaram Pitroda

“Invent a New India Using Knowledge”



“ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है”

Bhartrhari—Nitiśatakam

“Knowledge is such a treasure which cannot be stolen”

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*Indian Standard*SPECIFICATION FOR COUPLINGS FOR DISPOSAL OF
OILY MIXTURES FOR INLAND VESSELS

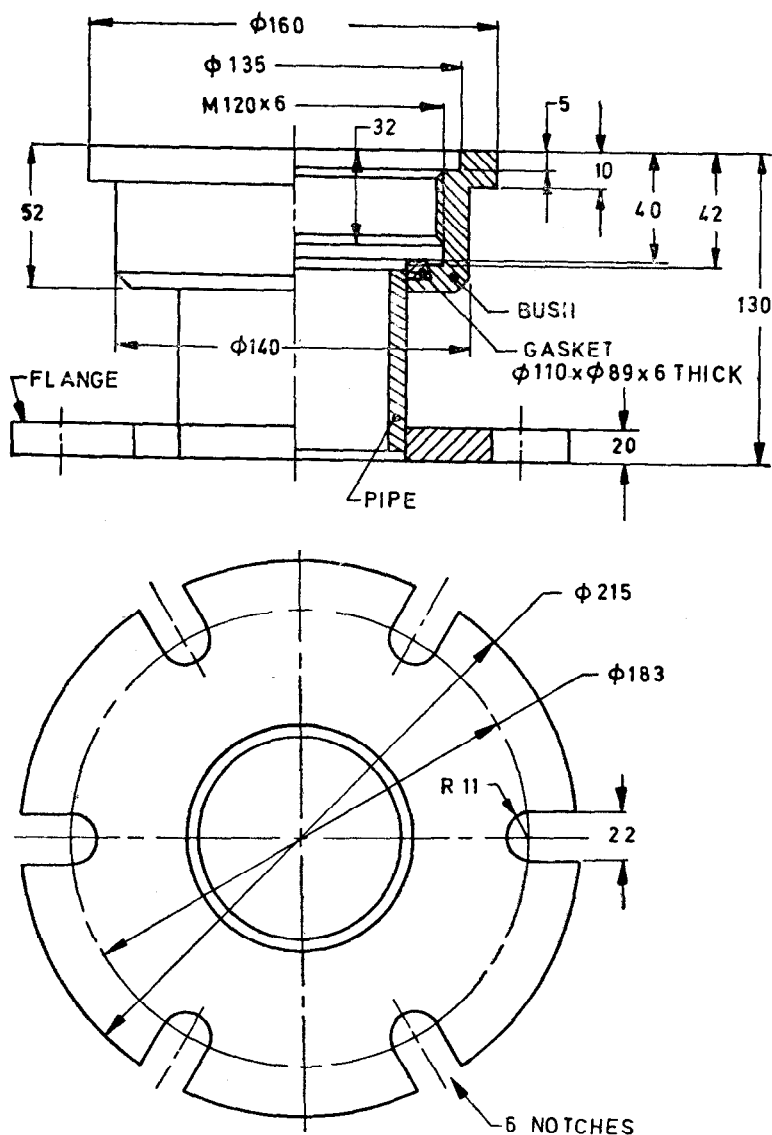
PART 4 ADAPTERS (FLANGE/BUSH)

1. SCOPE

1.1 This standard lays down the requirements for adapters to connect the end-piece of the receiving pipe (of the port or collecting vessel) to the flange of the vessel disposing of oily mixture from inland vessels.

2. Dimensions

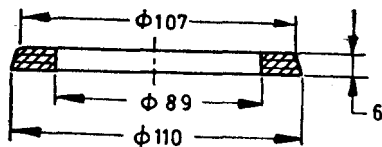
2.1 The dimensions of the DN 80 adapters shall be as given in Fig. 1.



All dimensions in millimetres.

FIG. 1 DN 80 ADAPTER OF TYPE 4 (FLANGE/BUSH) FOR DISPOSAL OF OILY MIXTURE

2.2 The dimensions of the gasket shall be as given in Fig 2.



All dimensions in millimetres.

FIG. 2 GASKET $\phi 110 \times \phi 89 \times 6$ THICK

3. Materials

3.1 The adapters shall be made of steel or other equivalent material. If the flash point of the oil vapours in the oily mixture is lower than 60°C the parts shall be made from non-sparking materials.

3.2 The gasket $\phi 110 \times \phi 89 \times 6$ thick shall be made of acid and alkali-resistant soft rubber.

4. General Requirements

4.1 The limit deviations of the dimensions and the surface roughness of adapters shall meet all requirements and the necessity of ensuring leak-proof joints.

4.2 The conventional pressure for adapters shall be 0.6 MPa*.

5. Designation

5.1 The adapters will be designated by the following:

- a) Name;
- b) Number of standard; and
- c) Group [A₄ for adapters (flange/bush) for oily mixture].

Example:

An adapter conforming to this standard shall be designated as follows :

Adapter IS : 11823 (Part 4) — A₄

6. Marking

6.1 The adapters shall be marked with manufacturer's name and designation.

6.1.1 *Certification Marking* — Details available with the Bureau of Indian Standards.

EXPLANATORY NOTE

This standard gives the requirements for couplings for disposal of oily mixture used for inland vessels. The type of couplings is chosen depending upon the use of vessels and the system of polluted water transfer and treatment adopted in its operational area.

This part of the standard deals with adapters to connect the end-piece of the receiving pipe (of the port collecting vessel) to the flange of the vessel disposing of oily mixture.

This standard is being issued in the following four parts:

- Part 1 Flange couplings,
- Part 2 Quick — Release couplings,
- Part 3 Adapter — Flange/end piece, and
- Part 4 Adapter — Flange/bush.

Notwithstanding what is stated in this standard, the rules and requirements laid down by the Classification Societies and Statutory Authorities in all respects shall prevail.

This standard is based on ISO 7608-1985 'Shipbuilding — Inland navigation — Couplings for disposal of oily mixture and sewage water', issued by the International Organization for Standardization (ISO). This ISO standard classifies couplings for disposal of oily mixture under Group A and further sub-classifies adapters (flange/end-piece) as Type 4. The same method of classification is used in this standard for the sake of uniformity.

* 1 kgf/cm² \approx 9.81 kPa.